



**REPUBLIC OF KENYA MINISTRY OF
ENVIRONMENT, CLIMATE CHANGE & FORESTRY
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CLIMATE OUTLOOK FOR JUNE 2024 and RAINFALL PERFORMANCE IN MAY 2024

The Forecast for June 2024

The June 2024 outlook predicts generally dry and sunny conditions for several parts of the county. The high ground areas are expected to receive morning drizzle and cloudy weather conditions over few areas. The areas bordering Nanyuki these includes Timau, Kisma are expected to receive light rains over few places.

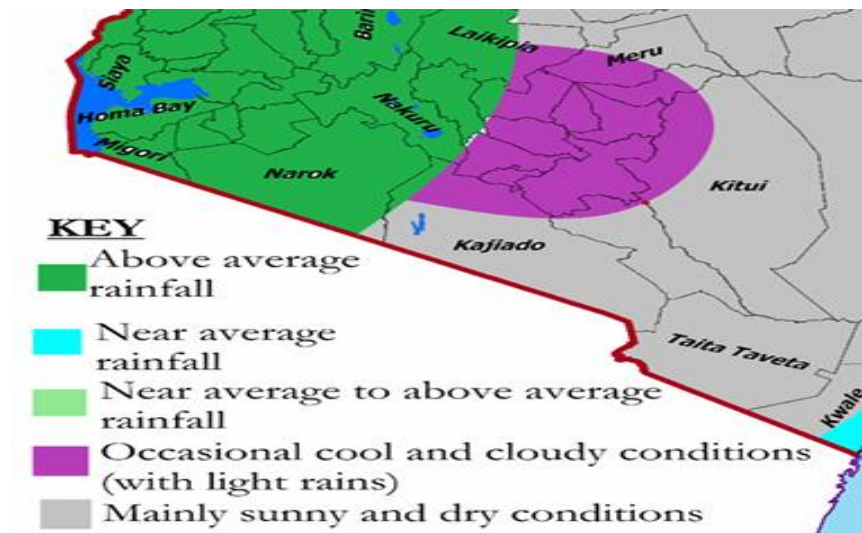
Weather Review for May 2024

The month of May marked the cessation of the "Long Rains" season over several parts of the county, except over few regions along the border of Nanyuki where rain continued up to June. By the third week of May several places had recorded cessation. The first ten days of the month were wet and Meru met station recorded 3.0mm on 23rd as the last rainy day in the month. However during the month most places received above normal to near normal rainfall. With Meru met station recording 131.9mm as the total rainfall for the month of May.

The Forecast for June 2024

The forecast for June 2024 is based on regression of sea surface temperatures (SSTs), SST gradients, and the expected evolution of global SST patterns as well as upper air circulation patterns over Western Kenya and the Coastal region. The forecast indicates that several parts of the county will be generally dry and sunny during the month of June 2024. However Occasional cool and cloudy conditions with light rains will be observed in the Higher ground, as the cold season gradually sets in. Additionally, occasional afternoon shower emanating from western Kenya may also be experienced over the higher ground areas.

Rainfall Forecast for the month of June 2024



Specific Outlook for Individual Areas

The High ground areas (including Igoji west, Abogeta west, Municipal, Kiguchwa) are expected to experience occasional cool and cloudy (overcast skies) conditions, with occasional light morning rains/drizzle and foggy conditions . Few days are expected to be cold and chilly with daytime (maximum) temperatures falling below 18°C in various parts due to overcast skies. Occasional afternoon and evening showers are likely to occur in above areas . Northeastern parts (Nathu, Akachu, and the belt a long Meru National park) are likely to remain generally sunny and dry .South-eastern parts (Mitunguu , Igoji east and others) are expected to be generally sunny and dry throughout the month.

POTENTIAL IMPACTS OF THE JUNE FORECAST

Health Sector

Cases of respiratory diseases such as asthma attacks, pneumonia, flu, and the common cold are expected to increase over Meru County, the High grounds areas of , South and North Imenti as the cold season gradually sets in. The public in these areas are advised to keep warm and avoid using charcoal jikos in poorly ventilated houses, as these jikos produce carbon monoxide gas, which can be lethal if inhaled.

Transport and Public Safety

Fog formation in areas expected to experience cold and cloudy conditions may pose a danger to motorists due to low visibility. Drivers should exercise caution, especially along the Chuka-Meru Maua Highway . Light rains and drizzles may cause roads to become slippery, increasing the risk of accidents. All road-users are advised to take utmost care to minimize accidents resulting from these weather.

Environment

Stakeholders are encouraged to seize this opportunity to maintain planted trees. It is also essential to implement measures to conserve the environment alongside tree planting efforts.

Way Forward

Farmers are encourage

To use harvested water to irrigate their crops especially maize in order to realize full maturity.

To harvest their fodder and improve storage of the same for dry days ahead.

To harvest their mature cereals and enhance storage of the same